

In the Specification:

On page 1, after the title delete the heading "Technical Field" and insert the following:

RELATED APPLICATIONS

This is a U.S. national stage of application No. PCT/DE2004/002136, filed on 24 September 2004.

On page 1, amend the first paragraph as follows:

The present application is closely related to the following applications:

~~2003P14657, 2003P14654, and 2003P14655~~ Attorney Docket Nos. 502902-229PUS, 502902-225PUS and 502902-227PUS.

On page 1, before line 3, insert the following heading:

FIELD OF THE INVENTION

On page 1, replace the heading on line 6 with the following heading:

BACKGROUND OF THE INVENTION

On page 2, amend the paragraph beginning on line 15 as follows:

It is an object of the present invention to provide a white-emitting LED with a defined ~~luminous color, corresponding to a~~ color temperature ~~in accordance with the~~

~~preamble of claim 1~~, with an Ra that is as high as possible, reaching at least Ra=80, in particular higher than Ra=85, preferably higher than 90.

On page 2, delete lines 19 and 20 in their entirety.

On page 2, amend the paragraph beginning on line 24 through page 3, line 5 as follows:

~~The~~ This and other objects are attained in accordance with one aspect of the present invention directed to an LED which is designed as a white-emitting luminescence conversion LED, comprising a primary radiation source, which is a chip that emits in the blue spectral region, with in front of it a layer of two phosphors, both of which partially convert the radiation of the chip, wherein the first phosphor is from the class of the oxynitridosilicates having a cation M and the empirical formula $M_{(1-c)}Si_2O_2N_2:D_c$, where M comprises Sr as the main constituent and D is doped with divalent Europium, $M = Sr$ or $M = Sr_{(1-x-y)}Ba_yCa_x$ with $0 < x+y < 0.5$ being used, the oxynitridosilicate completely or predominantly comprising the high-temperature-stable modification HT, and in that the second phosphor is a nitridosilicate of formula $(Ca,Sr)_2Si_3N_8:Eu$, producing a color temperature of from 2300 to 7000 K.

On page 3, amend the paragraph beginning on line 6 as follows:

~~The~~ An embodiment of the invention uses a phosphor which represents an oxynitridosilicate of formula $MSi_2O_2N_2$ ($M = Ca, Sr, Ba$) which is activated with divalent Eu, if appropriate with the further addition of Mn as co-activator, with the HT

phase forming the majority or all of the phosphor, i.e. more than 50% of the phosphor. This HT modification is distinguished by the fact that it can be excited within a broad band, namely in a wide range from 200 to 480 nm, that it is extremely stable with respect to external influences, i.e. does not reveal any measurable degradation at 150°C, and that it has an extremely good color locus stability under fluctuating conditions (little drift detectable between 20 and 100°C). This phosphor is often also referred to below as Sr Sion: Eu.

On page 10, delete the heading "Figures".

On page 10, delete lines 1 and 2 in their entirety.

On page 10, before line 3, insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

On page 10, replace the heading between lines 13 and 14 with the following heading:

DETAILED DESCRIPTION OF THE DRAWINGS